What is claimed is:

1. An aluminum alloy fin material for heat exchangers which has a thickness of 80  $\mu m$  or less and is incorporated into a heat exchanger made of an aluminum alloy manufactured by brazing through an Al-Si alloy filler metal, wherein the structure of the fin material before brazing is a fiber structure, and the crystal grain diameter of the structure of the fin material after brazing is 50-250  $\mu m$ .

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2. An aluminum alloy fin material for heat exchangers comprising the fin material as defined in claim 1 as a core material, and an Al-Si alloy filler metal clad on both sides of the core material.

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- 3. The aluminum alloy fin material for heat exchangers as defined in claim 1, wherein the Si concentration in an Si dissolution area in a brazed section at the center of the thickness of the fin material after brazing is 0.7% (mass%, hereinafter the same) or less.
- 4. The aluminum alloy fin material for heat exchangers as defined in claim 2, wherein the Si concentration in an Si dissolution area in a brazed section on the surface of the fin material and at the center of the thickness of the fin material after brazing is 0.8% or more and 0.7% or less, respectively.

- 5. The aluminum alloy fin material for heat exchangers as defined in any of claims 1 to 4, wherein the fin material is made of an aluminum alloy which comprises 0.8-2.0% (mass%, hereinafter the same) of Mn, 0.05-0.8% of Fe, 1.5% or less (excluding 0%, hereinafter the same) of Si, 0.2% or less of Cu, and 0.5-4% of Zn, with the balance being Al and impurities.
- 6. The aluminum alloy fin material for heat exchangers as defined in claim 2 or 4, wherein the fin material is made of an aluminum alloy which comprises 0.8-2.0% of Mn, 0.05-0.8% of Fe, 1.5% or less of Si, and 0.5-4% of Zn with the balance being Al and impurities, and the filler metal is made of an aluminum alloy which comprises 6-13% of Si with the balance being Al and impurities, the filler metal being clad on each side of the core material respectively at a thickness of 3-20% of the total thickness of the fin material and the filler metal.

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- 7. The aluminum alloy fin material for heat exchangers as defined in claim 5, wherein the Cu content in the fin material is 0.03% or less.
  - 8. The aluminum alloy fin material for heat exchangers as defined in claim 6, wherein the core material comprises 0.03% or less of Cu, and the filler metal comprises 0.1% or less of Cu.
    - 9. The aluminum alloy fin material for heat exchangers as

defined in claim 5 or 7, wherein the fin material further comprises at least one of 0.05-0.3% of Zr and 0.05-0.3% of Cr.

- 10. The aluminum alloy fin material for heat exchangers as defined in claim 6 or 8, wherein the core material further comprises at least one of 0.05-0.3% of Zr and 0.05-0.3% of Cr.
- 11. The aluminum alloy fin material for heat exchangers as defined in any of claims 6, 8, and 10, wherein the filler metal further comprises 0.5-6% of Zr.
  - 12. A heat exchanger comprising the aluminum alloy fin material as defined in any of claims 1 to 11 which is joined by brazing.